



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
-----------------	-------------	----------------------	---------------------	------------------

10/785,095

02/25/2004

Hiroshi Iida

118829

8527

25944

7590

06/12/2008

OLIFF & BERRIDGE, PLC

P.O. BOX 320850

ALEXANDRIA, VA 22320-4850

EXAMINER

DICKER, DENNIS T

ART UNIT

PAPER NUMBER

2625

MAIL DATE

DELIVERY MODE

06/12/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

Application No.

10/785,095

Applicant(s)

IIDA ET AL.

Examiner

Dennis Dicker

Art Unit

2625

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 25 February 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 February 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- ☒ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 2/25/2004; 6/27/2007.

- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_.

**DETAILED ACTION**

***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 3, 4, 6-8, 10 and 12-14 are rejected under 35 U.S.C. 102(b) as being anticipated by Yoshida (hereinafter "Yoshida '246" 5,172,246).

As pertaining to **Claim 1**, Yoshida '246 teaches a service processing system (i.e., **Col. 2 Lines 16-19, system for providing a service of transmitting image data to a receiving device**) providing a service of performing predetermined processes on document data through cooperation among the processes over a network (i.e., **Fig. 1 and Col. 4 Lines 50-56, system performs a predetermined process of faxing image data to a designated receiver**) comprising: a controller (i.e., **Col. 4 Lines 47-49, Controller**) that, if an error occurs on the document data in the course of the processes (i.e., **Col. 5 Lines 59-60, Controller receives id number of errors**), controls reexecution of a process in which the error occurs (i.e., **Col. 5 Lines 60-63, Control sends id numbers for reexecution of a process of which the errors occurred**).

As pertaining to **Claim 3**, Yoshida '246 teaches a service processing wherein the controller system continues execution of the predetermined processes on document data except for the process in which the error occurs (i.e., **Col. 5 Lines 59-63, Controller continues executing of current image data except for the image data in**

**which the error occurred), and performs the reexecution of the process, in which the error occurs, separately from the continued processes of the predetermined processes (i.e., Col. 4 Lines 59-63, When the image data is finished, reexecution of the process in which the error occurred is processed separately).**

As pertaining to **Claim 4**, Yoshida '246 teaches a service processing device in a service processing system (i.e., Col. 2 Lines 16-19 and Fig. 1, receiving station in a service processing system for providing a service of transmitting image data to a receiving device) providing a service of performing predetermined processes on document data through cooperation among the processes over a network (i.e., Fig. 1 and Col. 4 Lines 50-56, system performs a predetermined process of faxing image data to a designated receiver) comprising: a controller (i.e., Col. 4 Lines 47-49, Controller) that controls reexecution of a process in which an error occurs (i.e., Col. 5 Lines 60-63, Control sends id numbers for reexecution of a process of which the errors occurred) if the error occurs on the document data in the course of the processes (i.e., Col. 5 Lines 59-60, Controller receives id number of errors).

As pertaining to **Claim 6**, Yoshida '246 teaches a service processing device wherein the controller continues execution of the predetermined processes on document data except for the process in which the error occurs (i.e., Col. 5 Lines 59-63, Controller continues executing of current image data except for the image data in which the error occurred), and performs the reexecution of the process, in which the error occurs, separately from the continued processes of the predetermined

**Lines 59-63, when the image data is finished, reexecution of the process in which the error occurred is processed separately).**

As pertaining to **Claim 7**, Yoshida '246 teaches a service processing device wherein the error is a communication error during FAX receive (i.e., **Fig.1, Receiving station detects communication errors**).

As pertaining to **Claim 8**, Yoshida '246 teaches a service processing device wherein the error is a decode error of a receive data or read data (i.e., **Col. 4 Lines 52-58, an error is detected during the decoding process of received data**).

As pertaining to **Claim 10**, Yoshida '246 teaches a service processing method (i.e., **Col. 2 Lines 16-19 and Fig. 1, receiving station in a service processing system for providing a service of transmitting image data to a receiving device**) of providing a service of performing predetermined processes on document data through cooperation among the processes over a network (i.e., **Fig. 1 and Col. 4 Lines 50-56, system performs a predetermined process of faxing image data to a designated receiver**), comprising: controlling reexecution of a process in which an error occurs i.e., **Col. 5 Lines 60-63, Control sends id numbers for reexecution of a process of which the errors occurred**), if the error occurs on the document data in the course of the processes (i.e., **Col. 5 Lines 59-60, Controller receives id number of errors**).

As pertaining to **Claim 12**, Yoshida '246 teaches a service processing further comprising: continuing execution of the predetermined processes on document data except for the process in which the error occurs (i.e., **Col. 5 Lines 59-63, Controller continues executing of current image data except for the image data in which the**

**error occurred); and performing the reexecution of the process, in which the error occurs, separately from the continued processes of the predetermined processes (i.e., Col. 4 Lines 59-63, When the image data is finished, reexecution of the process in which the error occurred is processed separately).**

As pertaining to **Claim 13**, Yoshida '246 teaches a service processing method a wherein the error is a communication error during FAX receive (i.e., Fig.1, Receiving station detects communication errors during fax receive and transmits errors to transmitting station).

As pertaining to **Claim 14**, Yoshida '246 teaches a service processing device wherein the error is a decode error of a receive data or read data (i.e., Col. 4 Lines 52-58, an error is detected during the decoding process of received data).

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2, 5, 9, 11 and 15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Yoshida '246 in view of Beikirch et al. (hereinafter "Beikirch '839" 5,532,839).

With respect to **Claim 2**, Yoshida '246 does not explicitly teach a service processing system wherein the controller temporarily halts the predetermined processes

when the error occurs reexecutes the process in which the error occurs, and clears the halt after the reexecution.

However, the mentioned claimed limitations are well known in the art as evidenced by Beikirch '839. In particular, Beikirch '839 teaches the use of a service processing system wherein the controller temporarily halts (i.e., **Col. 4 Lines 40-42, controller temporarily halts processing**) the predetermined processes when the error occurs (i.e., **Col. 4 Lines 43-43, Error of paper jam halts predetermined process of receiving data**), reexecutes the process in which the error occurs, and clears the halt after the reexecution (i.e., **Col. 4 Lines 42-48, after indication of an error the process which the error occurred is cleared and reexecution is made**).

In view of this, it would have been obvious to one having ordinary skill in the art at the time of invention was made to modify the service processing system of Yoshida '246 as taught by Beikirch '839 since Beikirch '839 suggested in Col. 1 Lines 10-19 that such a modification would reduce or eliminate operator recovery actions and errors in the event of a document handler jam or other stoppage in a digital document imaging system which has automatic feeding of document sheets being electronically imaged.

With respect to **Claim 5**, Yoshida '246 does not explicitly teach a service processing device wherein the controller temporarily halts the predetermined processes when the error occurs, reexecutes the process in which the error occurs, and clears the halt after the reexecution.

However, the mentioned claimed limitations are well known in the art as evidenced by Beikirch '839. In particular, Beikirch '839 teaches the use of a service

processing device wherein the controller temporarily halts (i.e., Col. 4 Lines 40-42, **controller temporarily halts processing** ) the predetermined processes when the error occurs (i.e., Col. 4 Lines 43-43, **Error of paper jam halts predetermined process of receiving data**), reexecutes the process in which the error occurs (i.e., Col. 4 Lines 42-48, **reexecution of the process in which errors occurred**), and clears the halt after the reexecution (i.e., Col. 4 Lines 50-54, **after indication of an error the process which the error occurred is cleared and reexecution is made**)

In view of this, it would have been obvious to one having ordinary skill in the art at the time of invention was made to modify the service processing device of Yoshida '246 as taught by Beikirch '839 since Beikirch '839 suggested in Col. 1 Lines 10-19 that such a modification would reduce or eliminate operator recovery actions and errors in the event of a document handler jam or other stoppage in a digital document imaging system which has automatic feeding of document sheets being electronically imaged.

With respect to **Claim 9**, Yoshida '246 does not explicitly teach a service processing device wherein the error is a paper jam of an original to be read during a read operation by an automatic original feeding device.

However, the mentioned claimed limitations are well known in the art as evidenced by Beikirch '839. In particular, Beikirch '839 teaches the use of a service processing device wherein the error is a paper jam (i.e., Col. 8 Line 11, **Paper jam error**) of an original to be read during a read operation by an automatic original feeding device (i.e., Col. 4 Lines 40-43, **paper jam of original is read by automatic original feeding device**).



In view of this, it would have been obvious to one having ordinary skill in the art at the time of invention was made to modify the service processing device of Yoshida '246 as taught by Beikirch '839 since Beikirch '839 suggested in Col. 1 Lines 10-19 that such a modification would reduce or eliminate operator recovery actions and errors in the event of a document handler jam or other stoppage in a digital document imaging system which has automatic feeding of document sheets being electronically imaged.

With respect to **Claim 11**, Yoshida '246 does not explicitly teach a service processing method further comprising: temporarily halting the predetermined processes when the error occurs reexecuting the process in which the error occurs; and clearing the halt after the reexecution.

However, the mentioned claimed limitations are well known in the art as evidenced by Beikirch '839. In particular, Beikirch '839 teaches the use of a service processing method further comprising: temporarily halting (i.e., **Col. 4 Lines 40-42, controller temporarily halts processing**) the predetermined processes when the error occurs (i.e., **Col. 4 Lines 43-43, Error of paper jam halts predetermined process of receiving data**), reexecuting the process in which the error occurs (i.e., **Col. 4 Lines 42-48, reexecution of the process in which errors occurred**); and clearing the halt after the reexecution (i.e., **Col. 4 Lines 50-54, after indication of an error the process which the error occurred is cleared and reexecution is made**)

In view of this, it would have been obvious to one having ordinary skill in the art at the time of invention was made to modify the service processing system of Yoshida '246 as taught by Beikirch '839 since Beikirch '839 suggested in Col. 1 Lines 10-19 that

such a modification would reduce or eliminate operator recovery actions and errors in the event of a document handler jam or other stoppage in a digital document imaging system which has automatic feeding of document sheets being electronically imaged.

With respect to **Claim 15**, Yoshida '246 does not explicitly teach a service processing device wherein the error is a paper jam of an original to be read during a read operation by an automatic original feeding device.

However, the mentioned claimed limitations are well known in the art as evidenced by Beikirch '839, In particular, Beikirch '839 teaches the use of a service processing device wherein the error is a paper jam (i.e., **Col. 8 Line 11, Paper jam error**) of an original to be read during a read operation by an automatic original feeding device. (i.e., **Col. 4 Lines 40-43, paper jam of original are read by automatic original feeding device**).

In view of this, it would have been obvious to one having ordinary skill in the art at the time of invention was made to modify the service processing device of Yoshida '246 as taught by Beikirch '839 since Beikirch '839 suggested in Col. 1 Lines 10-19 that such a modification would reduce or eliminate operator recovery actions and errors in the event of a document handler jam or other stoppage in a digital document imaging system which has automatic feeding of document sheets being electronically imaged.

### **Conclusion**

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dennis Dicker whose telephone number is (571) 270-

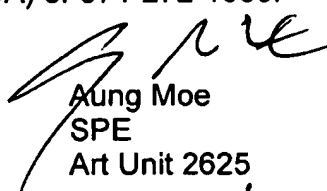
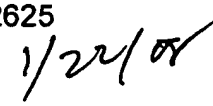
Application/Control Number:  
10/785,095  
Art Unit: 2625

Page 10

3140. The examiner can normally be reached on Monday -Friday 7:30 A.M. to 5:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Aung Moe can be reached on (571) 272-7314. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

  
Aung Moe  
SPE  
Art Unit 2625  


DD  
1/16/2008